

THREE STEPS FOR CANOPY MAINTENANCE

New Canopy:

1. Measure Porosity of Top AND Bottom surface to establish baseline readings.
2. At 2 years or 200 hours (whichever occurs first):
 - Porosity should be rechecked. Excessive wear is indicated if the reading is less than 2/3 of the original Porosimeter reading. If it's greater than 2/3, you increase the check to every year or 100 hours (whichever occurs first).
 - Canopy should be checked for fraying or tears.
 - Canopy lines should be inspected for fraying of the outer sheath and measured for asymmetry. Any line frayed or asymmetrical lines should be replaced.
3. During the 1 year/100 hour checkups:
 - Canopy porosity should remain above 2/3 the original level. If the porosity decreases to 2/3 or below, increase the frequency of checkups to every 6 months or 50 hours (whichever occurs first). Excessive wear is indicated if the reading is less than 1/3 of the original Porosimeter reading.
 - Canopy should be checked for fraying or tears.
 - Canopy lines should be inspected for fraying of the outer sheath and measured for asymmetry. Any line frayed or asymmetrical lines should be replaced.

Note:

Any canopy should be retired when the Porosity reading reaches 10% - 20% of the original Porosimeter measurement, and lines should be replaced every 5 years, if frayed or if measured asymmetrical.

EXAMPLE:

Brand new, your canopy's original Porosimeter reading is 9 minutes. Typical reading for brand new chute is 6 –10. The next checkup would be in 2 years.

As long as the porosity measurement remains above 3 minutes (2/3 the original reading) the checkup interval is every 1-year or 100 hours.

When the porosity measures 3 minutes (2/3 of original reading), you would then increase the frequency of checkups to every 6 months or 50hours.

When a measurement of 2 minutes (10-20% of original reading) is reached the canopy should be retired.

Used Canopy:

Follow the general guidelines for new canopy. However, you begin your checkup interval with every 1-year or 100hrs (whichever occurs first)

Note:

- A canopy and or cloth manufacturer's recommendations supercede these guidelines.
- Darker colored canopies should be measured first for porosity tests. U.V. is absorbed more in darker cloths.
- Some coated cloths should be checked more often for Porosity, fraying or delaminating.
- Lines should be replaced whenever there are signs of fraying and/or asymmetry.